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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jay Edelberg et al.

Title: ENHANCED BIOLOGICALLY BASED CHRONOTROPIC BIOSENSING

Docket No.: 1676.001US2

Serial No.: 10/690,798

Filed: October 21, 2003

Due Date: September 4, 2006

Examiner: Patricia C. Mallari

Group Art Unit: 3735

MS Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

Return postcard.

Amendment and Response (10 pgs.).

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

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Reg. No. 36,477

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 5th day of September, 2006.

Name

Dawn M. Poole

Dawn M. Poole

Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

(GENERAL)



SN 10/690,798

PATENT

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AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

This responds to the Office Action mailed on June 5, 2006. Please amend the above-identified patent application as follows.